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Complete if Known

Application Number	10/066,638
Confirmation Number	6088
Filing Date	February 6, 2003
First Named Inventor	Masashi ANDO
Art Unit	1753
Examiner Name	OLSEN, KAJ K.
Attorney Docket Number	Q67810

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
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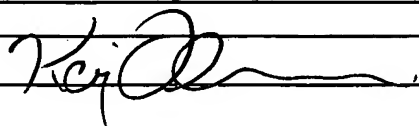
FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
KO		JP	10-073563	A	03-17-1998	NGK Insulators Ltd.	Yes
KO		JP	08-029387	A	02-02-1996	Matsushita Electric Ind. Co. Ltd.	Yes
KO		JP	09-113484	A	05-02-1997	NGK Insulators Ltd.	English Abstract
KO		JP	09-318597	A	12-12-1997	NGK Insulators Ltd.	English Abstract
KO		JP	10-142194	A	05-29-1998	NGK Insulators Ltd.	English Abstract
KO		JP	10-221298	A	08-21-1998	NGK Spark Plug Co. Ltd.	English Abstract

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature



Date Considered

10/20/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.